

**Missouri Assessment Program
Spring 2004**

Mathematics

Scoring Guide for Released Items

Grade 8

Session: 1
Item No.: 2
Page No.: 4
Content Standard(s): 5 Mathematical Systems and Number Theory
Process Standard(s): 1.10

Exemplary Response:

- Correctly labels first, second, and third place:

Brent ($\frac{4}{15}$) Keisha ($\frac{1}{3}$) Miguel ($\frac{2}{5}$)

Third Place Second Place First Place

OR

Lists the students (or fractions) in winning order:

First Place Second Place Third Place

Miguel ($\frac{2}{5}$) Keisha ($\frac{1}{3}$) Brent ($\frac{4}{15}$)

AND

- Finds equivalent fractions ($\frac{1}{3} = \frac{5}{15}$; $\frac{2}{5} = \frac{6}{15}$)

OR

- Finds percentages equivalent to the fractions ($\frac{4}{15} \approx 27\%$; $\frac{1}{3} \approx 33\%$; $\frac{2}{5} = 40\%$)

OR

Other valid process

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Page No.: 4
Content Standard(s): 5 Mathematical Systems and Number Theory
Process Standard(s): 1.10

Score Points:

2 points	Exemplary response
1 point	Correct process; error in computation OR Correct order of students (or fractions) only OR Correctly changed to percents/fractions; misordered the places
0 points	Other

Session: 2
Item No.: 2
Page No.: 4
Content Standard(s): 3 Data Analysis, Probability, and Statistics
Process Standard(s): 3.3

Exemplary Response:

- $60\frac{1}{2}$ or 60.5

AND

- 57, 58, 59, 60, 60, 61, 62, 64, 64, 65
 $(60 + 61) \div 2 = 60.5$

OR

Other valid process

Score Points:

2 points	Exemplary response
1 point	Correct answer OR Correct process; error in computation
0 points	Other